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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 1638
Examiner : Anne R. Kubelik
Serial No. : 09/807,722
Filing : April 18, 2001
Inventor : Healy Daniell
Title : MARKER FREE TRANSGENIC
: PLANTS: ENGINEERING THE
: CHLOROPLAST GENOME
: WITHOUT THE USE OF
: ANTIBIOTIC SELECTION



35811

PATENT TRADEMARK OFFICE

Docket No.: 1467-PCT-US-00

Confirmation No.: 4032

Dated: March 11, 2003

SUPPLEMENTAL AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

In further response to the Official Action dated July 3, 2002, Applicant respectfully requests the following supplemental amendments be entered and submits additional remarks for the Examiner's consideration. Applicant amends the Application as follows:

Marked-Up Version Showing Changes Made to the Claims

31
1. (Twice Amended) An integration and expression plastid vector for stably transforming a plastid genome of a higher plant species where plant growth is inhibited by an antibiotic-free phytotoxic agent, wherein said integration and expression plastid vector is contained in which comprises an expression cassette which comprises as operably joined components, a 5' end of a plastid DNA sequence inclusive of a spacer region, a promoter operative in said plastid genome, a DNA sequence encoding a detoxifying enzyme acting as a selectable marker, which is capable of detoxifying said phytotoxic agent in a cell to the corresponding nontoxic compound, at least one